

# Tom Gray Papers

## Papers in International Conferences and Workshops

1. Gray, T., Peres, E., Pinard, D., Abu Hakima, S., Diaz, A., Ferguson, I., *A Multi-Agent Architecture for Enterprise Applications*, Business Process Reengineering Workshop Notes AAAI-94.
2. Gray, T., Weiss, M., Diaz, A., *A Middleware for Developing Distributed Multimedia Applications*, Proceedings of the ISCA International Conference on Parallel and Distributed Computing, Orlando 1995.
3. Weiss, M., Gray, T., Diaz, A., *An Agent Based Distributed Multimedia Service Environment*, International Conference on Tools with AI, Herndon VA. 1995.
4. Weiss, M., Gray, T., Diaz, A., *A Service Environment for Distributed Multimedia Applications*, Workshop of Distributed Information Networks, IJCAI 95, Montreal.
5. Weiss, M., Gray, T., Diaz, A., *Experiences with a Service Environment for Distributed Multimedia Applications*, Feature Interactions in Telecommunication Networks IV, IOS Press, pages 242-253.
6. Pinard, D., Gray, T., Mankovski, S., Weiss, M., *Issues in Using an Agent Framework for Converged Voice and Data Applications*, The Second International Conference on the Practical Applications of Intelligent Agents and Multi-Agent Technology, London 1997.
7. Buhr, R.J.A., Amoyt, D., Elammari, M., Quesnel, D., Gray, T., Mankovski, S., *High Level Multi-Agent prototypes from a Scenario Path Notation: A Feature Interaction Example*, The Third International Conference on the Practical Applications of Intelligent Agents and Multi-Agent Technology, London 1998 .
8. Barbuceanu, M., Gray, T., Mankovski, S., *How to Make Your Agents Fulfill Their Obligations*, The Third International Conference on the Practical Applications of Intelligent Agents and Multi-Agent Technology, London 1998,
9. Barbuceanu, M., Gray, T., Mankovski, S., *Coordinating with Obligations*, Second International Conference on Autonomous Agents, Minneapolis 1998.

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10. D. Amyot, L. Charfi, N. Gorse, T. Gray, Logrippo, J. Sincennes, B. Stepien, T. Ware (2000), *Feature Description and Feature Interaction Analysis with Use Case Maps and LOTOS*. In: Sixth International Workshop on Feature Interactions in Telecommunications and Software Systems (FIW'00), Glasgow, Scotland, UK, May 2000.
11. D. Amyot, L. Logrippo, R.J.A. Buhr, and T. Gray (1999), *Use Case Maps for the Capture and Validation of Distributed Systems Requirements*. In: Fourth International Symposium on Requirements Engineering (RE'99), Limerick, Ireland, June 1999.
12. R.J.A. Buhr, D. Amyot, M. Elammari, D. Quesnel, T. Gray, and S. Mankovskii (1998), *Feature-Interaction Visualization and Resolution in an Agent Environment*. In: Kimbler, K. and W. Bouma (eds.), Fifth International Workshop on Feature Interactions in Telecommunications and Software Systems (FIW'98), IOS Press, Amsterdam, Netherlands, pp. 135-149.
13. R.J.A. Buhr, M. Elammari, T. Gray, and S. Mankovskii (1998), *Applying Use Case Maps to Multi-agent Systems: A Feature Interaction Example*. In: 31st Annual Hawaii International Conference on System Sciences (HICSS'98), Hawaii, USA, January 1998.
14. R.J.A. Buhr, M. Elammari, T. Gray, and S. Mankovskii (1998), *A High Level Visual Notation for Understanding and Designing Collaborative, Adaptive Behaviour in Multiagent Systems*. In: 31st Annual Hawaii International Conference on System Sciences (HICSS'98), Hawaii, USA, January 1998.
15. C. Zheng, A. Karmouch, T. Gray, S. Mankovskii, R. Impey. *Ensuring secure communication for a distributed mobile computing system based on Micmac*. International Workshop on Mobile Agent for Telecommunication Applications (MATA'99), Oct. 1999, Ottawa, Canada, pages 375-392.
16. H. Harroud, A. Karmouch, T. Gray, S. Mankovskii. *An agent-based architecture for inter-sites personal mobility management system*, International Workshop on Mobile Agent for Telecommunication Applications (MATA'99), Oct. 1999 Ottawa, Canada, pages 345-358.
17. M. Amer, A. Karmouch, T. Gray, S. Mankovskii. *Adding Mobility to Corba*, International Workshop on Mobile Agent for Telecommunication Applications (MATA'99), Oct. 1999 Ottawa, Canada, pages 143-160.
18. M. Amer, A. Karmouch, T. Gray, S. Mankovskii, *Policies for Feature Interaction Resolution*, Third IFIP/IEEE International Conference on Management of Multimedia Networks and Services' 00, September 25-28, 2000, Fortaleza - Ceara, Brazil.

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19. M. Amer, A. Karmouch, T. Gray, Serge Mankovskii, *Feature-Interaction Resolution Using Fuzzy Policies*, Proc. Sixth International Workshop on Feature Interactions in Telecommunications and Software Systems, 17th - 19th May 2000, Glasgow, Scotland, UK.
20. H. Harroud, M. Ahmed, A. Karmouch, T. Gray, R. Impey, *Agent-based Personalized Services in A Mobile Computing Environment*, IEEE/PACRIM'01, August 26-28, 2001, Victoria, B.C., Canada
21. M. Barbuceanu, T. Gray, S. Mankovskii. *Providing telecommunication services through multi-agent negotiation*, Intelligent Agents for Telecommunication Applications. Third International Workshop (IATA'99), 9-10 Aug. 1999, Stockholm, Sweden, pages 124-36.
22. M. Amer, A. Karmouch, T. Gray, S. Mankovskii. *A multi-agent architecture for the resolution of feature conflicts in telephony*. Proceedings of the International Conference on Practical Application of Intelligent Agents and Multi-Agents, 5th (PAAM 2000), April 2000, Manchester UK, pages 53-74.
23. R. Crespo, L. Logrippo, T. Gray, Feature {E}xecution {T}rees and {I}nteractions, The 2002 International Conference on Parallel Distributed Processing Techniques and Applications, June 2002, Las Vegas NV, pp1230-1236

### Journal Papers

1. M. Barbuceanu, T. Gray, S. Mankovskii. *Role of obligations in multiagent coordination*, Applied Artificial Intelligence Vol. 12 No. 1-2, pages 11-38, 1999
2. H. Harroud, A. Karmouch, T. Gray, S. Mankovskii. *Agent-based QoS negotiation for mobile users*, Interoperable Communications Networks Vol. 2 No. 2-4 pages 243-251, 1999.
3. M. Amer, A. Karmouch, T. Gray, S. Mankovskii, "An Agent Model for the Resolution of Feature Conflicts in Telephony", Journal of Network and Systems Management Vol. 9, No. 2, September 2000
4. D.Amyot, T.Gray, R.Liscano L.Logrippo, J. Sincennes. Interactive Conflict Detection and Resolution for Personal Features. Journal of Communications and Networking, 7 (3) (Sept. 2005), 353-366
5. K. J. Turner, S. Reiff-Marganiec, L. Blair, P. Jianxiong, T. Gray, P. Perry, Policy Support for Call Control, Computer Standards and Interfaces, Elsevier, Amsterdam, Netherlands, June 2006, Vol. 28, No. 6, pp635-649

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